

OKI[®]
People to People Technology™



OKICOLOR™ 8

DIGITAL LED PRINTER

**Handy
Reference**



59296702

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Companion Documentation and Software on the CD

- **User's Guide**

- Print Media
- Service & Support
- Maintenance
- Printer Control
- Specifications

- **PANTONE® “Importing Color Palettes Into Desktop Publishing Applications”**

- Adobe® Illustrator®
- Adobe PhotoShop®
- Adobe PageMaker®
- Corel Draw®
- Quark XPress®
- Macromedia® FreeHand®
- etc.

- **Adobe Type Manager Software**

- **PostScript® Screen Fonts**

- **Adobe Acrobat Reader**

Obtaining Service

If you can't solve your printer problem after reading this manual, contact these sources for service or support.

Oki Data On-line

Visit the Oki Data Web Site at

<http://www.okidata.com>

for the latest information on:

- Software drivers
- Product guides
- Customer support
- Corporate information
- Dealers
- Documentation

Your Dealer

Consult the store where you purchased your printer, or call for the location of the nearest authorized Oki Data service dealer:

- In the U.S. and Canada, call 1-800-OKI-DATA (1-800-654-3282). Have your ZIP code ready.
- In Brazil, call Oki Data do Brasil at 55-11-5011-1518
- In Mexico and Latin America, call Oki Data de Mexico at (525) 661-6860

! ***Proof of purchase is required for warranty work. Be sure to retain your purchase documents.***

! ***Prices and minimum charges may vary.***

The Oki Data Customer Support Center

- ! *This information is valid for the United States and*
- *Canada only.*

For customer support, call 1-800-OKI-DATA (1-800-654-3282). The Oki Data Information System Automated Attendant is available 24 hours a day, 7 days a week.

The system can provide immediate assistance with:

- Basic printer operating procedures
- Sales and service referrals
- Parts and consumable referrals
- Product information

Oki Data Customer Support Representatives

- ! *This information is valid for the United States and*
- *Canada only.*

Agents are available 24 hours a day, 7 days a week. Please be sure that you are calling from a telephone close to your printer, so you can describe your problem accurately. Our customer service representatives are trained on all current Oki products. They can answer your questions regarding:

- Installation of your printer
- Determination of printer issues that require service
- Consumer relations
- Interface information
- Availability and installation of printer drivers.

(Customer Support Representatives are not trained to provide assistance with the use of commercial software packages. Please consult your software user's manual for times and availability of their support).

Warranty Service: U.S. and Canada

Your printer is warranted for one year from date of purchase except for the printheads (LED imaging arrays), which are warranted for a period of five years from date of purchase.

If your printer hardware should fail during the warranty period, Oki Data will repair (or replace at its option) on-site, at the original purchaser's facility, within a 50 mile radius of an authorized service center and without charge, any defective component(s) of the OKICOLOR 8.

For details, see the Limited Warranty in the "Warranty, Regulatory Information and Specifications" booklet.

Warranty Service: Latin America

Your printer is warranted for one year from date of purchase except for the printheads (LED imaging arrays), which are warranted for a period of five years from date of purchase, extending to the original purchaser only.

If your printer hardware should fail during the warranty period, Oki Data will repair (or at its option replace) any defective component(s). The original purchaser must return the Oki Data Product to Oki Data or an authorized Oki Data service center within the country purchased, paying for all transportation charges to the repair center.

For details, see the Limited Warranty in the "Warranty, Regulatory Information and Specifications" booklet.

Oki Data Authorized Dealers and Service Centers

United States

Oki Data Americas, Inc.

2020 Bishops Gate Blvd.

Mt. Laurel, NJ 08054-4620

Phone: 800-654-3282 (U.S. and Canada)

+856-235-2600 (Latin America)

Fax: 856-222-5247 (U.S. and Canada)

+856-222-5260 (Latin America)

Canada

Oki Data Americas, Inc.

2735 Matheson Blvd. East, Unit 1

Mississauga, Ontario

Canada L4W 4M8

Phone: 800-654-3282

Fax: 905-238-4427

Brazil

Oki Data do Brasil, Ltda.

Av. Leonardo da Vinci, 1178/1182

Jabaquara

Sao Paulo, Brazil

Phone: 55-11-5011-1518

Fax: 55-11-5012-0267

Mexico

Oki Data de Mexico, S.A. de C.V.

Av. Insurgentes 1700 - 7 Piso

Col. Florida 01030

Phone: (525) 661-6860

Fax: (525) 661-5861

For the most comprehensive, up-to-date listing of Oki Data authorized Service Centers:

- Consult our web site at **www.okidata.com**
- In the U.S. and Canada, call 1-800-OKIDATA (1-800-654-3282)
- In Latin America, contact the Latin America Service Coordinator at Oki Data's Corporate Headquarters at +856-222-5276 (Spanish only).

Shipping Your Printer

If it is necessary to ship your printer, call us for shipping instructions and the location of your nearest authorized service dealer.

- In the U.S. and Canada, call 1-800-OKI-DATA (1-800-654-3282)
- In Brazil, call Oki Data do Brasil at 55-11-5011-1518
- In Latin America, call Oki Data de Mexico at (525) 661-6860

Caution!

It is important to follow specific repacking procedures to avoid damage to your OKICOLOR 8 printer.

Print Media

Usable Media: Paper Tray(s)



Media

- Standard paper (Hammermill Laser Print, Radiant White, 24 lb preferred)
- Letterhead stationery (*must be able to withstand the fusing process heat of 446°F [230°C] for 0.2 second*).

Capacity: up to 500 sheets of 20 lb paper

Weight: 20 to 28 lb

Dimensions

- Minimum: 3.4" W x 5.5" L
- Maximum: 8.5" W x 14" L

Usable Media: Front Tray



Media

- Standard paper (Hammermill Laser Print, Radiant White, 24 lb preferred)
- Letterhead stationery
- Transparencies (3M CG 3710 preferred): *rear exit only*
- Card stock: *rear exit only*
- Labels: *rear exit only*

Caution!

Print media must withstand the fusing process heat of 446°F (230°C) for 0.2 second.

Capacity: up to 100 sheets of 20 lb paper, or 50 transparencies

Weight: 20 to 44-lb US Bond (75 to 165 g/m²),
72 to 110-lb US Bristol Index (130 to 199 g/m²)

Dimensions

- Minimum: 3.4" W x 5.5" L
- Maximum: 8.5" W x 14" L

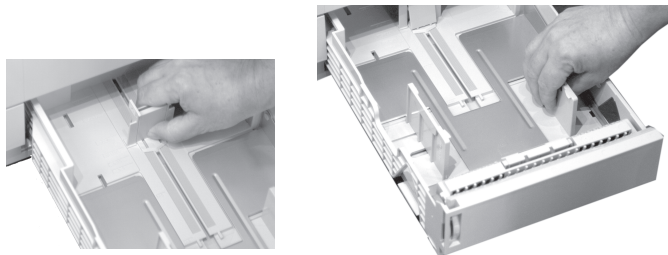
! *For more details on print media and on using the front tray, see the “Print Media” and “Specifications” sections of your online OKICOLOR 8 User’s Guide.*

Loading Paper Trays

- 1 Pull the paper tray out of the printer.



- 2 Adjust the paper guides for the size of the paper you will be using.



- 3 Fan a ream of paper.



- 4 Place the paper in the tray and slide the tray back into the printer.



Paper exits on top of printer.



The top exit is the one normally used. Sheets stack face down. Maximum capacity is 250 sheets of 20-lb paper.

Printing on Special Media

Important!

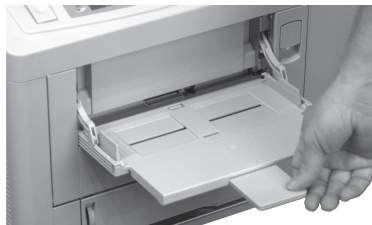
If you are printing transparencies, labels or card stock, you must use the front tray and Special Media Stacker (rear exit) to provide a straight-through path.

To set up the front tray:

- 1 Pull the front tray down.



- 2 Flip out the paper support, then swing out the paper extender.



- 3 Adjust the paper guides for the print media you are using and load the media.
 - Load letterhead stationery face up, top edge feeding into the printer
 - Load transparencies with the strip face down, on the edge feeding into the printer.



To setup the Special Media Stacker:

- 1 From the rear of the printer, pull the stacker down and open the extender.

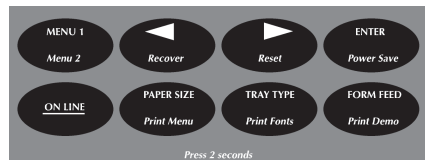
Media will feed to the rear, stacked face up.



Maximum capacity is 100 sheets of 20 lb paper.

Using the Front Tray with Multiple Sheets

If you are going to use the front tray to feed a stack of print media, you need to go into the menu and set the printer paper input default to the front tray:



- 1 Press **ON LINE**.
Printer goes offline.
- 2 Press and release **TRAY TYPE**.
- 3 Press **ENTER**.
- 4 Press ► until **FRONT TRAY** appears on the display.
- 5 Press **ENTER** to select **FRONT TRAY**.
An asterisk appears to indicate the new default setting.
- 6 Press **ON LINE** to engage the setting and exit the menu.

! **When printing using the front tray, be sure to set your software for front tray:**

- (1) Enter the printer setup menu on you computer.
- (2) Select front tray or auto front feeder.
- (3) Select the media type, size and orientation.

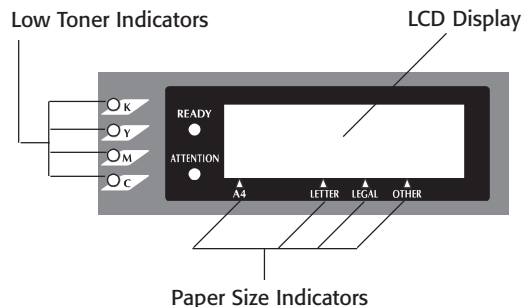
Paper Tray Gauge

The red paper tray gauge (1) on the front of the printer indicates how much paper is left in the tray. This way you don't need to open the drawer to check how much paper is left.



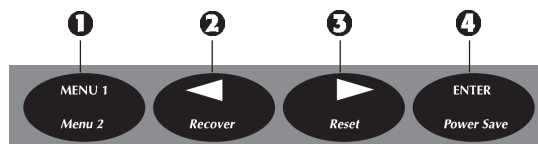
Control Panel

Left Side

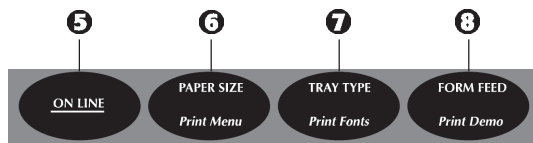


Right Side

The control panel buttons are dual function: press and release to engage the top function; press and hold for 2 to 3 seconds to engage the bottom function.



- 1 Press:** Enters and scrolls through Level 1 menu.
Hold: Enters Level 2 menu.
- 2 Press:** In Menu Mode returns to previous item.
Hold: Clears error condition and returns printer online.
- 3 Press:** In Menu Mode advances to next item.
Hold: Deletes data in buffer and executes internal reset.
- 4 Press:** In Menu Mode sets displayed menu item as the user default.
Hold: Enters the Power Save Quick Menu



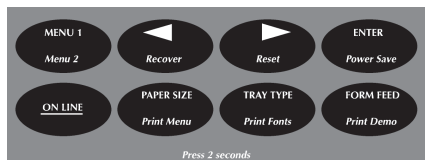
- 5 Press:** Changes printer status from on line to off line.
- 6 Press:** Enters the Paper Size Quick Menu.
Hold: Prints a listing of the current and default menu settings.
- 7 Press:** Enters the Tray Select Quick Menu.
Hold: Prints a sample of installed printer fonts.
- 8 Press:** Ejects the current page.
Hold: Prints a Demo Page

Most printer features are selected directly in your software application or in the status monitor software included with your printer. You can also select features in the printer menus using the control panel. However, *software settings will override control panel settings.*

- ! See the on-line OKICOLOR 8 User's Guide for details
- on the printer menus.

Printing the Menu Settings

To print a list of the menu items and their current settings:



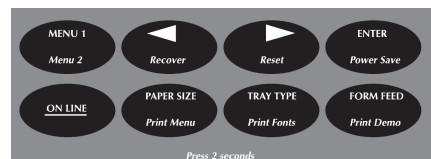
- 1 Press **ON LINE**.
The printer goes off line.
- 2 Press and hold **Print Menu** until the display reads **PRINT MENU**.
- 3 Press **ENTER**.
The menu settings page prints.

The printout shows the factory default settings, the current settings, and the amount of memory installed in your printer.

Accessing the Quick Access Menus

The Paper Size, Tray Select, and Power Save menu features can be accessed directly without having to step through each menu category.

To use the Quick Access Menus:



- 1 Press **ON LINE**.

The printer goes off line.

- 2 To access the Paper Size menu, press and release **PAPER SIZE**.

To access the Tray Select menu, press and release **TRAY TYPE**.

To access the Power Save menu, press **Power Save** for two seconds.

- 3 Press **▶** repeatedly until you see the selection you want.
- 4 Press **ENTER** to set the selection as the default.
An asterisk () appears to indicate the new default setting.*
- 5 Press **ON LINE** to exit the menu and place the printer back on line.

! *For information on Power Save, see “Setting Power Saving Mode.”*

Printer Maintenance

Purchasing Supplies

Before you order, know your printer model number (see the front of the printer) and have the correct part number and description of the item.

Ways to Purchase

- Consult the dealer where you purchased your printer.
- Consult an Oki Data Authorized Sales or Service Dealer.
- Check office supply catalogs or your local stationery store. Most carry OKI brand supplies.
- *In the U.S. and Canada*, call 1-800-OKI-DATA for the nearest Authorized Sales and Service location. Have your ZIP code ready.
- *In the US only*: shop online at <http://www.okidata.com>

- *In the U.S. and Canada*, call 1-800-OKI-DATA (1-800-654-3282), and order your supplies directly from Oki Data using a major credit card.
- *In Latin America*:
 - consult our web site <http://www.okidata.com>
 - call Oki Data de Mexico, S.A. de C. V., at (525) 661-6860
 - call Oki Data do Brasil, Ltda., at 55-11-5011-1518 for the nearest Authorized Sales and Service location.

Supply Order Numbers

Part #	Item
--------	------

Toner Cartridges

41012301	Black Toner Cartridge Kit
41012302	Yellow Toner Cartridge Kit
41012303	Magenta Toner Cartridge Kit
41012304	Cyan Toner Cartridge Kit

Image Drums

40370201	Black Image Drum Kit
40370301	Yellow Image Drum Kit
40370302	Magenta Image Drum Kit
40370303	Cyan Image Drum Kit

Miscellaneous

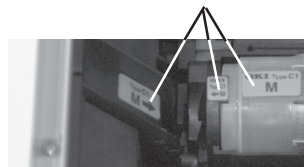
40490801	Transfer Belt Kit
40490901	Fuser Kit 120V
40645301	Oil Roller Kit
40645401	Toner Waste Box

Replacing a Toner Cartridge

Replace a toner cartridge when the **TONER EMPTY** message displays. The corresponding color indicator will light.

- ! ***Be careful to install each color toner cartridge in the corresponding color image drum.***

To make this easy, each image drum, toner cartridge and slot in the printer has a color-coded label marked with the corresponding letter (C = cyan, M = magenta, Y = yellow, K = black).



In addition, the end of each toner cartridge is keyed so that it will only fit into the correct color image drum.



Black



Cyan



Magenta



Yellow

Warning!

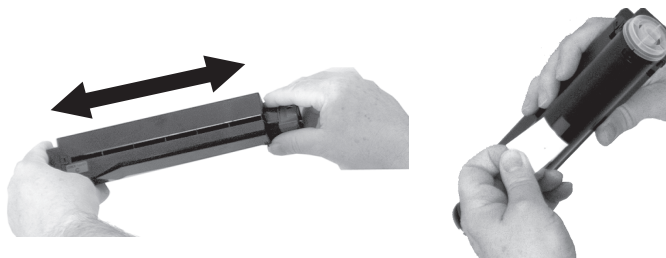
High temperature; allow at least 20 minutes for parts in this area to cool before handling.

- 1 Turn the printer off and *wait for the fuser to cool down.*

Caution!

Extended exposure to light can temporarily damage the image drums. Do not open the printer until you are ready to install the toner cartridge.

- 2 Remove the new toner cartridge from its packaging and shake it *back and forth* a few times to distribute the toner evenly, then peel the tape off the bottom of the cartridge.



- 3 Press the OPEN button and lift the cover.



- 4 Pull the appropriate lock lever forward.



- 5 Lift the right end of the empty toner cartridge up, and slide the left end out to remove it from the printer. Dispose of it according to local regulations.



- 6** Insert the left end of the cartridge in the image drum, placing the recess in the end of the cartridge under the color-coded tab on the image drum.



- 7** Lower the right end of the toner cartridge, aligning the slot on the cartridge with the ridge in the image drum and push the blue lock lever toward the back of the printer until it stops.



- 8** Clean the LED arrays: open the LED lens cleaner package supplied with the toner cartridge and use it to clean the LED arrays located on the underside of the cover.



- 9** Close the cover, pressing down to lock it in place.



Replacing an Image Drum

When to Replace an Image Drum

CHG DRUM [color]

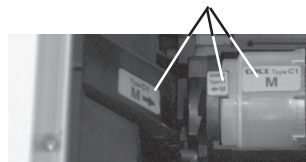
CHG DRUM displays and the corresponding color indicator lights when the drum is near the end of its life, but still has toner left. You can continue to use the drum until the toner runs out. When this message appears, be sure you have a replacement drum on hand.

CHANGE DRUM [color]

CHANGE DRUM displays and the corresponding color indicator blinks when an image drum needs changing and the toner is low. You can recover temporarily by opening and closing the cover, but **CHANGE DRUM** will continue to display after printing every 20 pages until a new drum is installed.

How to Replace an Image Drum

Each image drum, toner cartridge, and slot in the printer has a label marked with its corresponding color.



Caution!

Extended exposure to light can temporarily damage the image drums. Do not open the printer until you are ready to install the toner cartridge.

- 1 Turn the printer off and *wait for the fuser to cool down.*

Warning!

High temperature; allow at least 20 minutes for parts in this area to cool before handling.

- 2 Press the OPEN button and lift the cover.



- 3 Lift the image drum, with toner installed, out of the printer. Discard both in accordance with local regulations.



- 4 Close the printer cover.

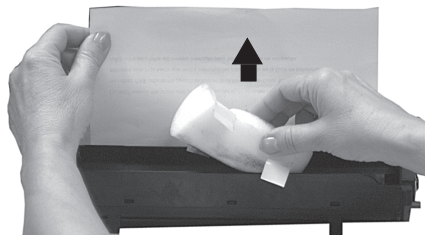
Caution!

To avoid damage to the drum, do not touch the shiny green surface.

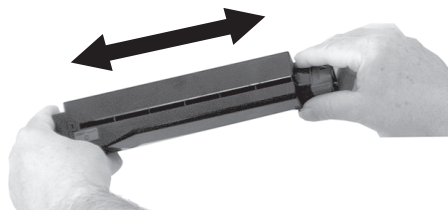
- 5 Unwrap the new image drum, but leave the protective paper (1) in place.



- 6 Loosen *all* the tape holding the foam shipping insert, then *carefully* remove the insert (*there is toner on the bottom of the insert—be careful not to spill it!*).



- 7 Remove the new toner cartridge from the packaging and shake it from *side to side* a few times to distribute the toner evenly.



- 8** Peel the tape off the bottom of the cartridge.



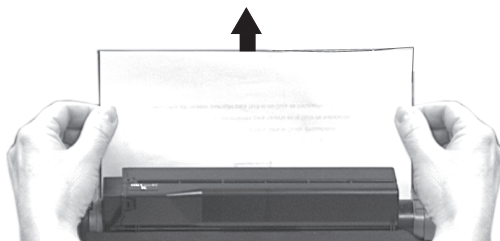
- 9** Insert the left end of the toner cartridge into the toner well, placing the recess in the end of the cartridge under the tab on the image drum.



- 10** Lower the right side of the cartridge, aligning the slot with the ridge in the image drum, then push the colored lock lever back until it stops.



- 11** Remove the protective paper from the image drum.



- 12 Open the printer cover and insert the new image drum cartridge, matching the color-coded labels on the image drum and in the printer.



- 13 Open the LED Lens Cleaner supplied with the toner cartridge and use it to clean the LED arrays located on the underside of the cover.



- 14 Close the printer cover, pressing down to lock it in place.



- 15 Reset the Drum Counter:

- a Press **ON LINE**, then press *and hold* **Menu 2** until **COLOR REG ADJUST** appears on the display.
- b Press **Menu 2** repeatedly until **ENGINE CNT RESET** appears.
- c Press **ENTER**.
The message

**CYAN DRMCNT
RESET**

appears.

- d If necessary, press **Menu 2** repeatedly until the message corresponding to the drum you are replacing appears.
- e Press **ENTER**.
RESETTING briefly appears on the display.
- f Press **ON LINE**.

Replacing the Waste Toner Box



To avoid color mixture, the remaining toner formed on the drum is placed in a waste toner box. When you see the message **WASTE TNR NR FULL** on the display, you need to replace the waste toner box.

Purchase **Kit # 40645401**. Replacement instructions are included in the kit and in the on-line *OKICOLOR 8 User's Guide*.



Replacing the Oil Roller

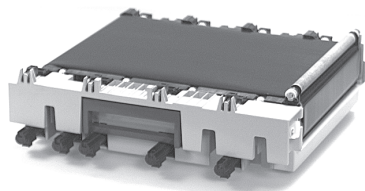


When **OIL ROLLER LIFE** appears on the display, you need to change the oil roller.

Purchase **Kit # 40645301**. Replacement instructions are included in the kit and in the on-line *OKICOLOR 8 User's Guide*.



Replacing the Transfer Belt

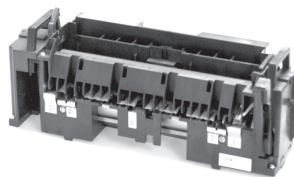


When you see the message **BELT LIFE** on the printer display, you need to change the transfer belt.

Purchase **Kit # 40490801**. Replacement instructions are included in the kit and in the on-line *OKICOLOR 8 User's Guide*.



Replacing the Fuser



When you see the message **FUSER LIFE** on the printer display, you need to change the fuser.

Purchase **Kit # 40490901** (120V). Replacement instructions are included in the kit and in the on-line *OKICOLOR 8 User's Guide*.



Setting the Color Registration for Windows 95 / 98 / NT 4.0

Since each color is printed separately, you must set the color registration to ensure that the colors line up properly. If the colors are out of alignment, the printed page will appear blurry and unclear.

To ensure optimum print quality, you should set the color registration on a routine basis (once a month or so).

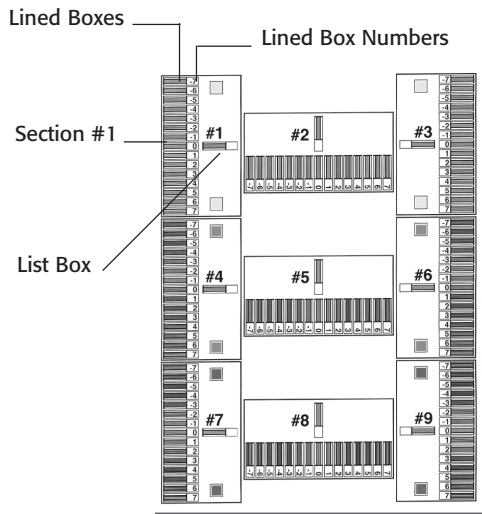
It is also recommended that you set the color registration when you change toner or image drums, when you load paper in the paper tray, or if you move the printer.

To set the color registration:

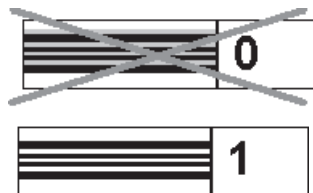
- 1 Open the **Color Registration Utility**: click **Start** → **Programs** → **OKICOLOR 8** → **OKICOLOR 8 Color Registration Utility**.
- 2 Make sure **OKICOLOR 8 on LPT1:** (or **OKICOLOR 8 PS on LPT1:**) is highlighted in the box (if you are using a port other than LPT1:, make sure that port is highlighted).
- 3 From the list, select the tray you want to calibrate.

- 4 Click **Print Color Calibration** page.

The printer prints a color test page with 9 sections, each with a series of lined boxes in it.

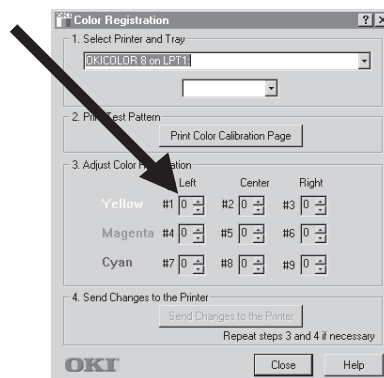


- 5 Beginning with section #1, find the lined box where no color shows in the spaces between the black lines and note its corresponding number.



- ! *If more than one box has no color, select the one closest to zero. If all the boxes have color, select the lightest one, nearest zero.*

- 6 On the screen, find the corresponding list box (in this case, #1—yellow, left) and scroll to the number you noted.



- 7 Repeat steps 5 and 6 for the remaining eight sections.
- 8 Click **Send changes to the printer.**
The printer prints another color test page. This time, the box where no color shows should be box +1, 0, or -1 for each section. If it isn't, repeat steps 4 through 7 until it does.
- 9 Click **Close.**

Setting the Color Registration for Windows 3.1x

Since each color is printed separately, you must set the color registration to ensure that the colors line up properly. If the colors are out of alignment, the printed page will appear blurry and unclear.

To ensure optimum print quality, you should set the color registration on a routine basis (once a month or so).

It is also recommended that you set the color registration when you change toner or image drums, when you load paper in the paper tray, or if you move the printer.

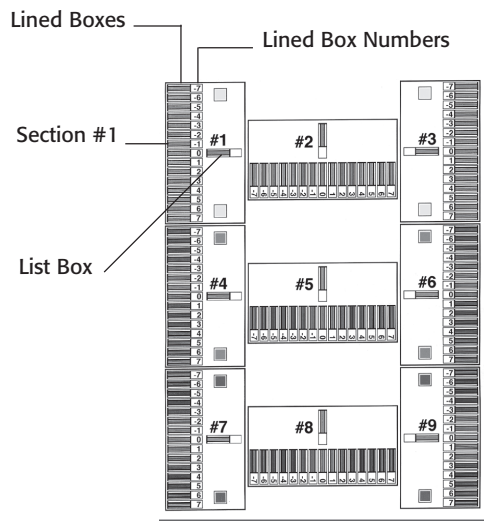
When you perform the color registration below, it will apply only to the path you currently have selected.

To set the color registration:

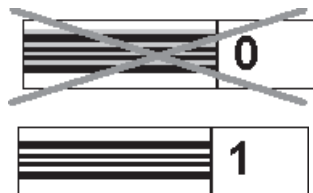
- 1 Make sure the printer is off line (press **ON LINE** to place the printer off line).
- 2 Press *and hold* **Menu 2** until **COLOR REG ADJUST** appears on the display.

- 3 Press **ENTER**.

PRINT PATTERN displays. The printer prints a color test page with 9 sections, each with a series of lined boxes in it.



- 4 Beginning with section #1, find the lined box where no color shows in the spaces between the black lines and note its corresponding number.



- ! *If more than one box has no color, select the one closest to zero. If all the boxes have color, select the lightest one, nearest zero.*
- 5 The display reads **ADJUST #1**, with the number 0 on the second line. Press ► to increase the number or ◀ to decrease it, until the second line reads the number of the correct box for section #1.
- 6 Press **Menu 2** to move to section #2 (display: **ADJUST #2**), and repeat the process to select the box which shows no color in the spaces between the black lines.

- 7 Repeat steps 5 and 6 for each of the remaining seven sections. If you need to go back, hold **Menu 2** down to move backwards through the menu.
- 8 When you are satisfied with your selections, press **Menu 2** repeatedly until **PRINT EXECUTE** appears on the display.
- 9 Press **ENTER**.
*The printer prints another color test page. This time, the box where no color shows should correspond to box +1, 0, or -1 for each section. If it doesn't, press **Menu 2** and repeat steps 4 through 9 until it does.*
- 10 Press **ON LINE** to save the settings and exit the menu.

Setting Color Registration for the Macintosh

Since each color is printed separately, you must set the color registration to ensure that the colors line up properly. If the colors are out of alignment, the printed page will appear blurry and unclear.

To ensure optimum print quality, you should set the color registration on a routine basis (once a month or so).

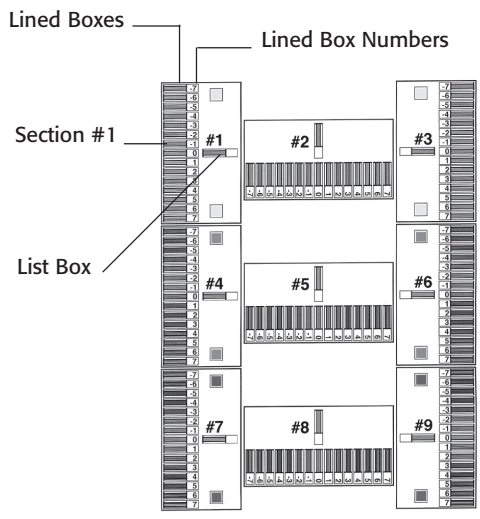
It is also recommended that you set the color registration when you change toner or image drums, when you load paper in the paper tray, or if you move the printer.

To set the color registration:

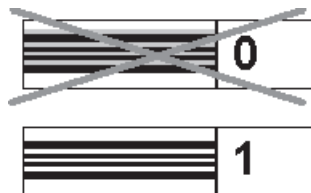
- 1 Open the **Color Registration Utility**: In the **OKICOLOR 8** directory, double-click **OKICOLOR 8 Color Registration Utility**, then double-click **OKICOLOR 8 Col Reg**.
- 2 From the list, select the tray you want to calibrate.

- 3 Click **Print Color Calibration** page.

The printer prints a color test page with 9 sections, each with a series of lined boxes in it.

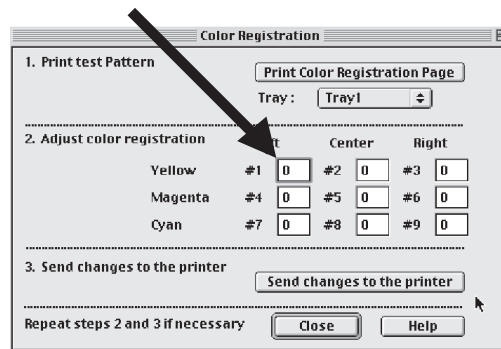


- 4 Beginning with section #1, find the lined box where no color shows in the spaces between the black lines and note its corresponding number.



- ! *If more than one box has no color, select the one closest to zero. If all the boxes have color, select the lightest one, nearest zero.*

- 5 On the screen, find the corresponding list box (in this case, #1—yellow, left) and enter the number you noted.



- 6 Repeat steps 4 and 5 for the remaining eight sections.
- 7 Click **Send changes to the printer**.
The printer prints another color test page. This time, the box where no color shows should correspond to box +1, 0, or -1 for each section. If it doesn't, repeat steps 3 through 6 until it does.
- 8 Click **Close**.

Setting the Color Balance

Important!

Be sure to check your printer's color registration before you use the color balance utility. See "Setting the Color Registration" for details.

The Color Balance Utility program, which is normally loaded when you install your printer software, replaces the color balance item built into the printer's control panel menu. Use this program to make sure that the three primary colors your printer uses—cyan, magenta, and yellow—are properly balanced. If they are not properly balanced, one color may dominate, and printed pictures will not be as lifelike as they could be.

When to use the Color Balance Utility

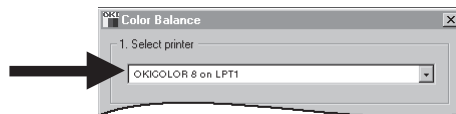
- When you replace an image drum.
- Whenever you feel the color reproduction of your printer is not accurate.
- When you set up your printer for the first time, *after performing the color registration procedure.*

Using the Color Balance Utility

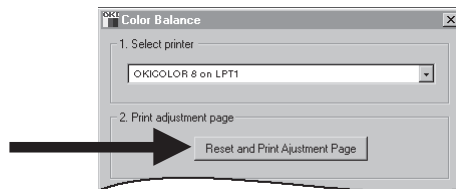
Start the utility:

- *Windows systems:* click **Start** → **Programs** → **OKICOLOR 8** → **OKICOLOR 8 Color Balance Utility**.
- *Macintosh systems:* in the **OKICOLOR 8 Macintosh Folder**, double-click the **Color Balance Utility**.

- 1 Make sure the OKICOLOR 8 is selected as the active printer.



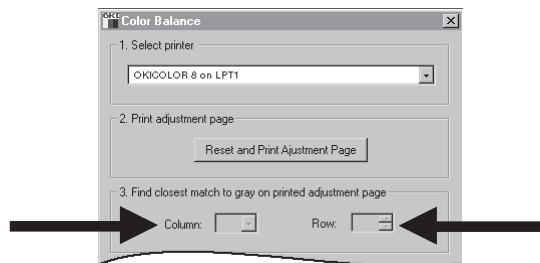
- 2 Click **Reset and Print Adjustment Page** to print the color balance adjustment page.



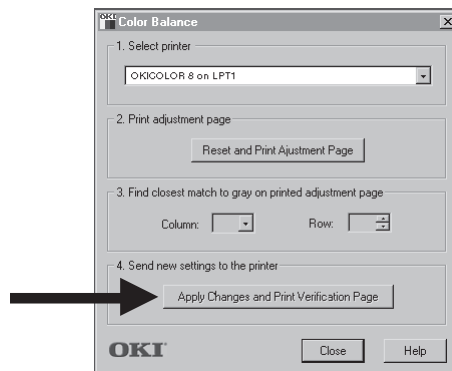
Look at the color balance adjustment page:

- The pattern consists of a series of rectangles on a gray background.
- Look for the rectangle that matches the gray background most closely. You may not find one that matches exactly; select the one that you think matches best.

- 3 Enter the column letter and row number of the best matching rectangle in the **Column** and **Row** boxes on the screen.



- 4 Click **Apply Changes and Print Verification Page**. This calibrates the printer and prints a color balance verification page that confirms the new settings.



- 5 Click **Close**.

Important!

Do not go back to step 2 to check the color balance. The utility resets the printer to its default settings every time it prints the color balance adjustment page.

Paper Jams

If a paper jam occurs, a message displays which indicates the location of the jam. Once the jam is cleared, the cover is closed, and warming up is complete, the printer prints all the pages affected by the jam.

Paper Input Jam

Paper has jammed between the tray and the first image drum cartridge.

- 1 Turn off the printer and wait for the fuser to cool down.

Warning!

High temperature; switch off the printer and allow at least 20 minutes for parts in this area to cool before handling.

- 2 Lift the interior access knob and pull the front panel down.



- 3 Remove out any jammed paper and close the panel.



- 4 Pull the paper tray out of the printer and remove any partially fed sheets.



- 5 Check the paper in the tray—it should be neatly stacked, no sheets bent or stuck together.
- 6 Push the tray back into the printer gently.

Caution!

A full tray is heavy and can damage the printer if slammed shut.



Paper Feed Jam

Paper has jammed under the image drums.

- 1 Turn off the printer and ***wait for the fuser to cool down.***

Warning!

High temperature; switch off the printer and allow at least 20 minutes for parts in this area to cool before handling.

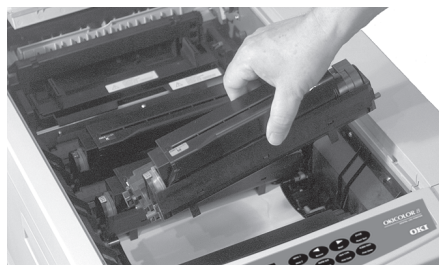
- 2 Press the OPEN button and lift the top cover all the way open.



- 3 Lift out each image drum cartridge and check underneath for sheets of paper.

Caution!

Extended exposure to light can temporarily damage the drums.



- 4 When you have uncovered any sheets of paper, carefully remove them. *If possible, pull forward to avoid spilling toner.*



Caution!

The transfer belt is located below the image drums. Be careful not to scratch the transfer belt. Do no use sharp instruments.

- 5 Place each image drum cartridge back into position in the locating slots at each side of the printer. Be sure to match the colored label on each cartridge with its corresponding colored label in the printer.



- 6 Close the top cover and press down firmly on both sides to make sure that it is locked.



Paper Exit Jam

Paper has jammed in the fuser or between the fuser and the paper exit.

- 1 Turn off the printer and wait for the fuser to cool down.

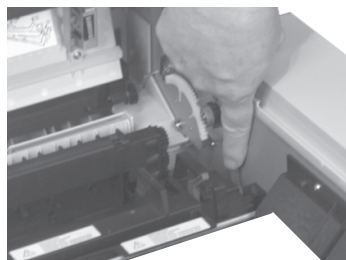
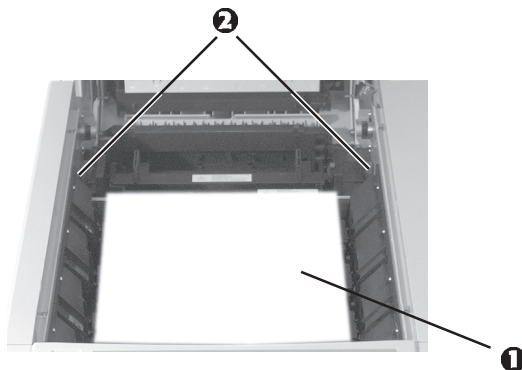
Warning!

High temperature; allow at least 20 minutes for parts in this area to cool before handling.

- 2 Press the OPEN button and lift the top cover all the way open.



- 3 Cover the image drum cartridges with sheets of paper (1) to protect them from light, then push the two colored fuser latch levers (2) towards the rear of the printer.



- 4** Lift the fuser by its two handles straight up and out of the printer.



- 5** Pull the sheet of paper out of the fuser.



- 6** Lower the fuser back into the printer, press down firmly to seat it, and then pull on the two blue levers to make sure that the fuser is locked in position.



- 7** Open the Special Media Stacker.



- 8 Look into the rear of the printer and remove any pieces of paper you find.
- 9 Close the Special Media Stacker.



- 10 Remove the paper covering the image drums, then close the top cover and press down firmly on both sides to make sure that it is locked.



Printing continues automatically when you close the top cover, after a short pause to allow the fuser to warm up.

Print Quality Problems

The printer uses separate cartridges of cyan, magenta, yellow and black toner to generate high definition color images. Factors causing print quality problems may affect only one color, or several colors, so the results may be unpredictable.

- ! See the on-line **OKICOLOR 8 User's Guide** for additional print quality symptoms and solutions.

Colors do not print as expected.

Reason:

A computer monitor and a printer use different methods to generate colors based on a different set of primaries —Red, Green and Blue (RGB) for monitors, Cyan, Magenta, Yellow and Black (CMYK) for printers. This may lead to a color print not resembling the original on-screen image.

Solution:

The Color Options tab on your computer screen provides a list of color matching techniques and adjustments to provide color balance in your document.

You can use the color bars at the bottom of the menu settings page to help isolate which color is causing the problem. To print the menu settings page, press and hold **Print Menu** for several seconds.

The menu settings page prints.

Colors are shifted or not lined up properly.

Reason:

Color registration is incorrect.

Solution:

Color registration needs to be reset. See “Color Registration.” It is recommended that you reset color registration when you change toner or image drums, when you load paper in the paper tray, or if you move the printer.

Blank sheets printed/one or more colors missing.

Reason:

Empty or missing toner cartridge.

Solution:

Install new toner cartridge.

Reason:

Image drum contacts may have failed.

Solution:

Remove the appropriate image drum(s) and examine the contacts on the left side of the drum and on the left side inside the printer. Clean them if necessary, then reinstall the image drum(s).

Reason:

LED array connection may have failed.

Solution:

Contact your service representative.

Entire page or one color prints faintly.

Reason:

Empty toner cartridge. Pages get fainter after toner is used up.

Solution:

Install new toner cartridge.

Reason:

LED array is dirty.

Solution:

Clean the LED array.

Reason:

Image drum may be near its end of usable life.

Solution:

Replace the image drum.

Page prints all one color.

Reason:

Hardware problem

Solution:

Contact your service representative.

Page has gray or speckled background.

Reason:

Static electricity causes toner to stick to background.

Solution:

Change paper to an acceptable laser bond and use a humidifier.

Horizontal bands of darker print at regular intervals down the page.

Reason:

Image drum has been exposed to light.

Solution:

Leave the printer turned off for about two hours. If this fails to restore it, install a new image drum cartridge.

Display Messages

Messages on the display panel show the status of the printer. For a complete list of messages, see the on-line *User's Guide*. Following is a limited list of these messages and if necessary, the recommended action.

Normal Operation

RESET TO FLUSH

(PostScript) Data currently in the printer can be deleted by pressing **ON LINE**, then ◀.

RESET

Press **Recover** to delete data left in the printer and return the printer to the defaults you have set.

POWER SAVING

The printer is in power saving mode—the heating unit has been turned off to save energy. When data is sent to the printer, it automatically warms up briefly before printing.

[paper size] [tray]
PAPER REQUEST

The printer is requesting a different size paper in the indicated tray. Load the requested paper in the tray.

[paper size] **MANUAL**
[media type] **REQUEST**

Insert a page of the indicated size and type (paper, envelope) in the front tray.

Maintenance

TNR LOW [color]

One or more toner cartridges are nearly empty. The status lights also indicate which color(s). Have the necessary cartridge available. For replacement instructions, see “Replacing a Toner Cartridge.”

[color]

TONER EMPTY

The indicated toner has run out—this message appears 50 pages after the **TNR LOW** message. Install a new toner cartridge to avoid possible damage to the image drum. For replacement instructions, see “Replacing a Toner Cartridge.”

You can clear this message by pressing **ON LINE** or **Recover**; the message appears again after 20 pages are printed.

OIL ROLLER LIFE

The fuser oil roller needs to be replaced. When the **ATTENTION** light is on, the printer can continue to function. When the **ATTENTION** light is flashing, replace the oil roller immediately. For replacement instructions, refer to the online *User's Guide*.

CHG DRUM [color]

One or more of the image drums needs to be replaced as soon as the toner runs out. The status lights also indicate which color(s). For replacement instructions, see “Replacing an Image Drum.”

CHANGE DRUM [color]

One or more of the image drums needs to be replaced. The status lights also indicate which color(s). For replacement instructions, see “Replacing an Image Drum.”

WASTE TNR NR FULL

The waste toner box is almost full. Be prepared to replace it when the **WASTE TONER FULL** message appears.

WASTE TONER FULL

The waste toner box is full. For replacement instructions, see “Printer Maintenance” or refer to the online *User's Guide*.

FUSER LIFE

The fuser needs to be replaced. For replacement instructions, see the online *User's Guide*.

BELT LIFE

The transfer belt needs to be replaced. For replacement instructions, see “Printer Maintenance” or refer to the online *User's Guide*.

Problems

ERROR PAPER SIZE CHECK [tray]

The paper size detected by the printer in the tray indicated is incorrect for the current print job. Make sure the size of the paper in the tray matches the size your software calls for.

TRAY 1 INSTALL

The printer is trying to automatically switch to the second paper tray when Tray 1 paper ran out. Do not remove Tray 1 until the automatic switching process is complete.

ERROR MEMORY OVERFLOW

The current page is too complex and cannot be printed. Try simplifying the page or reducing the resolution to 300 dpi. If this happens often, consider adding memory to the printer. See the online *User's Guide* for details on memory upgrade options.

ERROR RECEIVE BUFFER OVERFLOW

The transfer of data from the computer to the printer is not properly coordinated. Check the printer cable and printer interface menu settings. Adding optional memory can also help the problem. See the online *User's Guide* for details on memory upgrade options.

TNR SNS [color]

Make sure the indicated image drum is installed. If it is, lift it out and check the black lever on the right side (facing the printer) of the metal rod below the image drum—make sure there is no paper blocking it and that it moves freely.

CANNOT USE A6 PAPER ON TRAY 2

The second paper tray cannot feed A6 size paper. Use Tray 1 or the manual feed slot.

ERROR

D6 [#####]

Yellow image drum is not installed properly. Open the top cover, check, and reinstall as necessary. For instructions, see “Replacing an Image Drum.”

ERROR

D7 [#####]

Magenta image drum is not installed properly. Open the top cover, check, and reinstall as necessary. For instructions, see “Replacing the Image Drum.”

ERROR

D8 [#####]

Cyan image drum is not installed properly. Open the top cover, check, and reinstall as necessary. For instructions, see “Replacing an Image Drum.”

ERROR

D9 [#####]

Black image drum is not installed properly. Open the top cover, check, and reinstall as necessary. For instructions, see “Replacing an Image Drum.”

ERROR

DF [#####]

The transfer belt unit is not installed correctly. Open the top and left-hand side covers, check and reinstall as necessary. For instructions, see “Printer Maintenance ” or the online *User’s Guide*.

ERROR

E0 [#####]

The fuser unit is not installed correctly. Open the top and left-hand side covers, check and reinstall as necessary. For instructions, see the online *User’s Guide*.

Call for Service

If you see any of these messages, turn the printer off, then turn it on again. If this does not clear it, make a note of the error message, and contact your authorized Oki Data service dealer. For more information on obtaining service, see “Obtaining Service.”

EEPROM RESETTING

or

ERROR

[nn] [#####]

where nn is not listed above

or

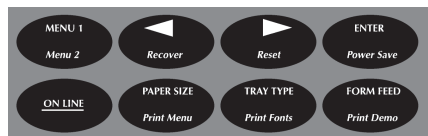
ERROR CONTROLLER

[nn-#####]

Setting Power Saving Mode

In power saving mode, the heating unit has been turned off to save energy. When data is sent to the printer, it automatically warms up briefly before printing.

If you want to disable or change this setting:



- 1 Press **ON LINE**.
The printer is now off line.
- 2 Press **Power Save** for two seconds.
- 3 Press ► repeatedly until you see the selection you want.

- 4 Press **ENTER** to set the selection as the default.
An asterisk () appears to indicate the new default setting.*
- 5 Press **ON LINE** to exit the menu and place the printer back on line.

Power Saving Selections

0 SEC*

Reduces power consumption. Immediately after the printer stops receiving data, the fuser heating element shuts off; 30 seconds later, the fan shuts off. When the printer receives data, the fuser warms up before printing begins.

8 MIN

Reduces power consumption. Eight minutes after the printer stops receiving data, the fuser heating element shuts off; 30 seconds later, the fan shuts off. When the printer receives data, the fuser warms up before printing begins.

DISABLE

The fuser and fan are always on; the printer is ready to print immediately.

Uninstalling The Printer Software

If you want to remove the printer driver or status monitor from your computer's hard drive, use the following procedure.

- ! *Always close the status monitor before uninstalling.*
- *Some components may not be removed if the status monitor is running.*

Windows 95, 98

- 1 From the Taskbar, click **Start** → **Settings** → **Control Panel**.
- 2 Double-click the **Add/Remove Programs** icon.
- 3 On the **Install/Uninstall** tab, select the **OKICOLOR 8 Software** and click **Add/Remove**.
- 4 Continue with the uninstall following the on-screen instructions.
- 5 To delete the OKICOLOR 8 printer driver, right-click on the **OKICOLOR 8** icon in the **Printers Folder**, and select **Delete** from the menu.

Windows 3.1x

- 1 From **Program Manager** double-click the **OKICOLOR 8** icon (or the group where your printer is installed).
- 2 Double-click the **UnInstallShield** icon.
- 3 Continue with the uninstall following the on-screen instructions.

Windows NT 4.0

- 1 From the Taskbar, click **Start** → **Settings** → **Control Panel**
- 2 Double click on the **Add/Remove Programs** icon
- 3 Select the **OKICOLOR 8** and click on **Add/Remove**.
- 4 Proceed with the uninstall following the on-screen instructions.
- 5 To delete the OKICOLOR 8 printer driver, right-click on the printer icon in the **Printers Folder**, and select **Delete** from the menu.

Macintosh

- 1 Double click on **System** → **Folder** → **Extension** → **Printer Description**.
- 2 Locate the **OKICOLOR 8** and drag it to the Trash icon.

Emergency First Aid Procedures for Toner

Emergency

Toner swallowed (ingested)

Procedure

Dilute by giving two glasses of water and induce vomiting by administering Syrup of Ipecac (follow manufacturer's instructions). Seek medical attention.

NEVER give anything by mouth or attempt to induce vomiting in a person who is unconscious.

Emergency

Toner inhaled.

Procedure

Remove person to fresh air. Seek medical attention.

Emergency

Toner gets in the eyes.

Procedure

Flush eyes with large quantities of cool water for 15 minutes, keeping the eyelids open with fingers. Seek medical attention.

! *Small amounts of toner on skin or clothing can easily be removed with soap and cold water. Hot water makes toner harder to remove.*

Notices

Year 2000 Compliance

All products currently sold by Oki Data are Year 2000 Compliant. Each product contains information technology that accurately processes date and time data between the years 1999 and 2000, and carries no issue for the September 9, 1999 (9999) programming concern. These products, when used in combination with products purchased from other manufacturers, whose products properly exchange date and time information, will accurately process the date and time. All future products are committed to meeting the same Year 2000 compliance.

ENERGY STAR



As an ENERGY STAR® Partner, Oki Data has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

